

MFJ-259 PARTS LIST

Part Designator	Description	MFJ Part Number
BH1	Battery Holder, 4-AA	730-2342
BS1	Battery, Snap, 9v, 8"	730-3005
C1	Capacitor, Disc Ceramic, 50v, 20%, 22 pF	200-0018
C11,C13,C14,C16, C19	Capacitor, Disc Ceramic, 25/50v, 20%, .01 μ F	200-0004
C17,C18,C24	Capacitor, Disc Ceramic, 50/100v, 20%, .1 μ F	200-0005
C2,C3,C4,C15,C6, C7,C8	Capacitor, Disc Ceramic, 25/50v, 20%, .01 μ F	200-0004
C20,C21,C25,C26, C27	Capacitor, Disc Ceramic, 25/50v, 20%, .01 μ F	200-0004
C22,C23,C40,C39	Capacitor, Disc Ceramic, 25/50v, 20%, .01 μ F	200-0004
C28	Capacitor, Electrolytic, Radial, 25v, 100 μ F	203-0015
C29	Capacitor, Disc Ceramic, 500v, 20%, 75 pF	200-1011
C30	Capacitor, Disc Ceramic, 1 kV, 20%, 470 pF	200-2023
C31	Capacitor, Disc Ceramic, 1 KV, 20%, 33 pF	200-2016
C32	Capacitor, Electrolytic, Radial, 50v, 1 μ F	203-0006
C33,C36,C10	Capacitor, Disc Ceramic, 25/50v, 20%, .01 μ F	200-0004
C38	Capacitor, Electrolytic, Radial, 35v, 220 μ F	203-0019
C44	Cap, Air Var, 6-200pf	204-5160
D2-D4	Diode, Germanium, 1N34A	300-8001
For C44, SW1	Knob, 1/4" Shaft	760-0033
For IC1	Socket, IC, Low Profile, 14 Pin	625-0031
For SW2	Knob, Plastic, Push-Button, Red	760-2140
IC1	IC, Op-amp, Quad Op-amp, 14 Pin, Lm324n	311-0040
IC2	Voltage Regulator, TO-220, 1 Amp, 7805T	307-1011
J2	Connector, Header, 90, 3 Pos	612-0103
J3	Connector, Socket, Dual Row, 7 Pos	612-3307
J4	Connector, UHF, 4-hole Mount, SO-239	610-2005
J5	Jack, 2.1 mm, DC Coaxial Jack	601-6021
J6	Connector, BNC, Chassis Mt., Female, UG-625/U	610-1016
JMP1-JMP3	Wire, Jumper, 1/4"-2"	870-5000
L1	Inductor, Var, 66 μ H	402-3412
L2	Inductor, Xformer, 1 7.8 μ H	402-3406
L3	Inductor, Xformer, 1.8 μ H	402-3402
L4	Inductor, .211 μ H	402-2728
L5	PCB Coil, Air Wound, 4 Turn	10-01014
L6	PCB Coil, Air Wound, .5 Turn	10-01011
L7	Pick-up Coil, #61 Pre-wound	10-01003
M1	Meter, 100 uA, SWR Meter	400-0035
M2	Meter, Resistance	400-0045
MOD1	Counter Module, LCD	50-247-3

Part Designator	Description	MFJ Part Number
P2	Connector, IDC, Socket, 3 Positions	612-2003
PCB	PCB, 2-side, MFJ-259	862-0249
Q1,Q2,Q4	Transistor, FET, To-92, Siliconix, J310	305-6310
Q3	Transistor, FET, Switching, VN10KM	305-6005
Q5	Transistor, HF Wide Band, To-39, NPN, 2N5109	305-0017
R1	Resistor, 1/4 Watt, 5%, Film, 18 Ohm	100-1180
R10	Resistor, 1/4 Watt, 5%, Film, 39k Ohm	100-4390
R15,R24,R29,R30	Resistor, 1/4 Watt, 5%, Film, 10.0k Ohm	100-4100
R17,R32	Resistor, Trimpot, Sub. Horz., 10 K	133-4100
R18	Resistor, Trimpot, Sub. Horz., 100 K	133-5100
R2,R21,R22	Resistor, 1/4 Watt, 5%, Film, 1M Ohm	100-6100
R26,R27,R28	Resistor, 1/8 Watt, 1%, 49.9 Ohm	102-1499
R3,R8	Resistor, 1/4 Watt, 5%, Film, 100 Ohm	100-2100
R33	Resistor, 1/4 Watt, 5%, Film, 620 Ohm	100-2620
R4,R7	Resistor, 1/4 Watt, 5%, Film, 10 Ohm	100-1100
R5,R6	Resistor, 1/4 Watt, 5%, Film, 1.0k Ohm	100-3100
R9	Resistor, 1/4 Watt, 5%, Film, 100k Ohm	100-5100
SW1	Switch, Rotary, 2p6p	500-1565
SW3,SW4	Switch, Push Button, spst	504-1003
SW2	Switch, Push-Button, 2p2p	504-0022

TECHNICAL ASSISTANCE

If you have any problem with this unit first check the appropriate section of this manual. If the manual does not reference your problem or your problem is not solved by following the manual you may call MFJ toll-free at 1-800-647-TECH (8324) or FAX to 601-323-6551, or TELEX 53 4590 MFJ STKV. Outside of the continental U.S.A. 601-323-5869. You will be best served if you have your unit, manual and all information on your station handy so you can answer any questions the technicians may ask.

You can also send questions to MFJ Enterprises, INC., P.O. Box 494, Mississippi State, MS 39762. Send a complete description of your problem, an explanation of exactly how you are using your unit and a complete description of your station.